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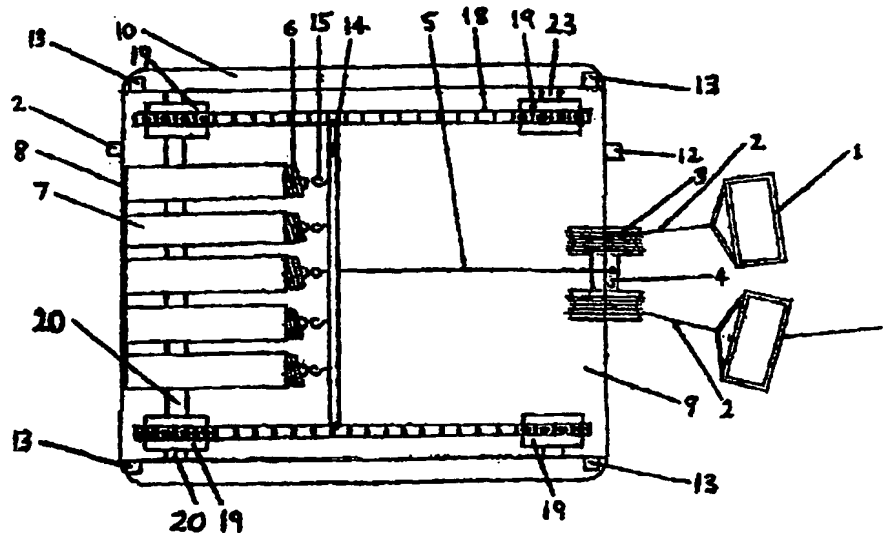
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(54) Title: RESISTANCE EXERCISING DEVICE



(57) Abstract: A resistance exercise device is disclosed. The device comprises a housing or a metal casing (9) which is a rectangular prism enclosing and attached to spring tubular casings (7) via mountings (8); the casings (7) cover the spring/biasing means (6). These biasing means (6) are attached to hook fasteners (15) which in turn are attached to a metal rod (14). An internal cable (5) is permanently fixed to the metal rod (14) and the smaller hub (4) of an internal/external hub/pulley (3, 4) which is affixed to metal casing (9) whilst still allowing the pulley to turn freely. This device can be used to perform repetitive resistance exercises by the positioning of the device at the appropriate positioning on the body whilst holding on to gripping means (1) with hands or feet at either end of the device in a pulling/pushing movement.



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2003/001387

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>												
Int. Cl. <sup>7</sup> : A63B 21/00, A63B 21/078												
According to International Patent Classification (IPC) or to both national classification and IPC												
<b>B. FIELDS SEARCHED</b>												
Minimum documentation searched (classification system followed by classification symbols)												
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched												
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI & IPC A63B 21/-, 23/-, 26/00 and key words: (resistance, counterforce, housing, bias, spring, cable, pulley, sprocket, rod and similar words).												
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X	US 6142919 A (JORGENSEN) 7 November 2000 The Entire Document	1 - 26										
X	GB 2268086 A (BRYANT et al.) 5 January 1994 The Entire Document	1 - 26										
X	EP 0655263 B1 (SCHMITTNER) 6 August 1997 The Entire Document	1 - 26										
A	US 6302833 B1 (ELLIS et al.) 16 October 2001 The Entire Document											
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex												
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&amp;" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2003/001387

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
US	6142919		NONE
GB	2268086		NONE
EP	0655263	US	5637062
US	6302833		NONE
END OF ANNEX			